

AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently amended): Method for controlling the opening and closing of intake valves of an internal combustion engine comprising an indirect fuel injection system, comprising at least a first intake valve (~~S1~~) and a second intake valve (~~S2~~) per cylinder (~~CC~~), each valve (~~S1, S2~~) making it possible to close or open a first and a second intake pipes (~~C1, C2~~), respectively, of the cylinder (~~CC~~) and being controlled independently from the other valve, at least one of the pipes (~~C1, C2~~) being supplied with fuel and at least one of the other pipes (~~C1, C2~~) not being supplied with fuel, characterized in that it consists in controlling the closing of the valve(s) (~~S1, S2~~) corresponding to the intake pipe(s) (~~C1, C2~~) supplied with fuel during the time intervals when the injection system does not operate.

2. (Currently amended): System for controlling the opening and closing of the intake valves of an internal combustion engine comprising an indirect fuel injection system (~~H~~), comprising at least a first intake valve (~~S1~~) and a second intake valve (~~S2~~) per cylinder (~~CC~~), each valve (~~S1, S2~~) being controlled independently from the other valve by an actuating device (~~EM1, EM2~~) for closing and opening a first and a second intake pipes (~~C1, C2~~), respectively, of the cylinder (~~CC~~), at least one of the pipes (~~C1, C2~~) being equipped with a driven fuel injection device (~~H~~) and at least one of the other pipes (~~C1, C2~~) not being equipped with a fuel injection device, and comprising means (~~UC~~) for controlling the fuel injection device (~~H~~), characterized in that it

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comprises a central unit (UC) making it possible to control the actuating devices (EM1, EM2) so as to close the valve(s) (S1, S2) corresponding to the intake pipe(s) equipped with a fuel injection device (I) during the time intervals when the means (UC) for controlling the fuel injection device (I) cut operation of the latter.